CLAIMS

1.   A method of transmitting an immersive video stream, the method comprising:

choreographing the immersive video stream;

identifying relevant macroblocks of the immersive video stream based on choreographing the immersive video stream; and

compressing the relevant macroblocks.

2.   The method of Claim 1, wherein choreographing is performed by an operator.

3.   The method of Claim 1, wherein choreographing is performed by software.

4.   The method of Claim 1, wherein choreographing includes determining at least one view window for the immersive video stream.

5.   The method of Claim 1, further including processing the immersive video stream.

6.   The method of Claim 5, wherein processing includes multiplexing multiple immersive video streams.

7.   The method of Claim 6, further including de-multiplexing the multiple video streams for display.

8.   The method of Claim 1, further including decompressing the relevant macroblocks.

9.   A program transmission system, wherein the program includes immersive content, the system comprising:

means for receiving and choreographing the immersive content;

a macroblock selection unit, wherein each selected macroblock corresponds to a relevant macroblock of the immersive content as determined by the means for receiving and choreographing; and

a compression unit to compress the selected macroblocks for transmission.

10.   The system of Claim 9, further including a cable system that receives an output of the compression unit.

11.   The system of Claim 10, wherein the cable system includes at least one terminal for displaying the immersive content.

12.   The system of Claim 11, wherein the terminal includes a decompression unit to decompress the selected macroblocks.

13.   The system of Claim 12, wherein the terminal displays a plurality of previews associated with at least one program, and wherein at least one preview includes immersive content.

14.   The system of Claim 13, wherein the plurality of previews are simultaneously active.

15.   The system of Claim 14, wherein the plurality of previews are individually active.

16.   The system of Claim 13, further including a multiplexer to receive the plurality of previews and provide the plurality of previews to the cable system.

17.   An on-screen directory including:

a plurality of preview areas, wherein each preview area includes a predetermined segment from a program; and

a plurality of corresponding textual descriptions.

18.   The on-screen directory of Claim 17, wherein the predetermined program segment shows one of drama and action.

19.   The on-screen directory of Claim 17, wherein the plurality of preview areas are simultaneously active.

20.   The on-screen directory of Claim 19, wherein the plurality of preview areas include means to facilitate selection of the program.

21.   The on-screen directory of Claim 20, further including means to activate another directory.

22.   The on-screen directory of Claim 17, wherein the plurality of preview areas are individually active.

23.   The on-screen directory of Claim 22, wherein each preview area includes means for activating a preview of the program and means for selecting the program.

24.   The on-screen directory of Claim 23, further including means for activating another directory.

25. An on-screen directory including:

a plurality of preview areas, wherein each preview area includes a predetermined segment from a program; and

a selected program area.

26. The on-screen directory of Claim 25, wherein the plurality of preview areas are simultaneously active.

27. The on-screen directory of Claim 26, wherein each preview area includes means for selecting the program.

28. The on-screen directory of Claim 27, further including means for activating another directory.

29. The on-screen directory of Claim 25, wherein the plurality of preview areas are individually active.

30. The on-screen directory of Claim 29, wherein each preview area includes means for activating a preview of the program and means for selecting the program.

31. The on-screen directory of Claim 30, further including means for activating another directory.

32. The on-screen directory of Claim 25, wherein the selected preview area is larger than each of the plurality of preview areas.

33. An on-screen directory including:

means for providing previews of a plurality of programs; and

means for providing textual descriptions corresponding to the plurality of programs.

34.   The on-screen directory of Claim 33, wherein each preview shows one of drama and action from a program.

35.   The on-screen directory of Claim 33, wherein the plurality of previews are running simultaneously.

36.   The on-screen directory of Claim 35, further including at least one guide that indicates how to select a program.

37.   The on-screen directory of Claim 36, further including another guide that indicates how to activate another directory.

38.   The on-screen directory of Claim 33, wherein each preview is selectively active.

39.   The on-screen directory of Claim 38, further including:
a first guide for each preview, the first guide indicating how to activate a preview of a program; and
a second guide for each preview, the second guide indicating how to select the program.

40.   The on-screen directory of Claim 39, further including another guide indicating a predetermined button to activate another directory.

41.   An on-screen directory including:
means for showing previews of a plurality of programs; and
means for showing a selected program area.

42.   The on-screen directory of Claim 41, wherein the previews are simultaneously active.

43.   The on-screen directory of Claim 42, further including at least one guide indicating how to select a program.

44.   The on-screen directory of Claim 43, further including another guide indicating how to activate another directory.

45.   The on-screen directory of Claim 41, wherein each preview is selectively active.

46.   The on-screen directory of Claim 45, further including a first guide to indicate how to activate the preview of the program and a second guide to indicate how to select the program.

47.   The on-screen directory of Claim 46, further including another guide indicating how to activate another directory.

48.   The on-screen directory of Claim 41, wherein the selected preview area is larger than each of the plurality of preview areas.

49.   An on-screen directory including:
a plurality of previews showing representative action or drama from a plurality of programs.

50.   The on-screen directory of Claim 49, wherein at least one program includes an immersive feature.

51.   A method for providing on-screen program information, the method including:
providing on-screen previews from a plurality of programs.

52.   The method of Claim 51, further including:

providing textual descriptions corresponding to the plurality of programs.

53.   The method of Claim 51, wherein each on-screen preview shows one of drama and action from a program.

54.   The method of Claim 51, wherein the on-screen previews are running simultaneously.

55.   The method of Claim 54, further including providing at least one guide for selecting a program from the on-screen previews.

56.   The method of Claim 55, further including providing a guide for accessing another directory.

57.   The method of Claim 51, wherein the on-screen previews are selectively active.

58.   The method of Claim 57, further including:

providing a first guide for activating an on-screen preview using a viewer input device; and

providing a second guide for selecting the program using the viewer input device.

59.   The method of Claim 51, further including providing a selected program area.

60.   The method of Claim 59, wherein the selected preview area is larger than each of previews.

61. The method of Claim 51, wherein at least one of the on-screen previews includes an immersive feature.